

In the Claims:

Please amend the claims as follows:

Claim 1 (currently amended): ~~A wing~~Wing of ~~an~~ aircraft with ~~slats and segmented oneslotted sliding flaps~~, comprising a wing chamber with two movable segments: fore box and main flap located in a wing chamber connected by spring actuators to each other and moving on rolls along curved guides ~~this way, the~~that fore box being in a first positionis situated in each of its positions at least partially within the wing chamber, and the main flap is being in a first positionsituated in its various positions at least partially within the chamber or fully beyond the wing chamberit, ~~characterized in that wing chamber (7) comprises a sector of cylinder ring with thickness limited by both a tangent to wing box (8) surface at its top rear point and closing panel (9) situated at the bottom of this box, and said fore box having(2) has~~ get an outline with both upper and bottom lines conforming~~strictly fitting to the shape of the wing chamber (7), at the same time from aft spar of wing direction this outline is open so, that it comprises all elements of driving gear of flap, whereas guides (6); built as single C-shaped rail guides fixedly securedrails and immovably attached to the wing, compriseare formed by means for coordinating the movementforcing mutual position of the fore box (2) and the main flap so(3) in each phase of their movement, in such a way, that during protrusionprotruding of the wing flap, the increase of both extension and camber of the wing airfoil increases continuouslyfollows in a continuous way, and a rear wall of the fore box forms(2) comprises with the attack surface of the main flap (3) a continuously changing slot, convergent in aft edge of wing direction.~~

Claim 2 (currently amended): The wingWing of ~~an~~ aircraft as claimed in Claim 1, ~~characterized in that~~ radius (R) of curvature of guides (6) is bigger than a half chord (c) of wing airfoil section ~~and considerably decreases on their end.~~

Claim 3 (currently amended): The wingWing of ~~an~~ aircraft as claimed in Claim 2, ~~wherein the~~characterized in that driving gear of each flap is completely located along the wing span behind an aft spar of the wing box and fixed on a rear plane (10) of the wing box (8), perpendicular to airfoil section chord ~~(c)~~.

Claim 4 (currently amended): ~~The wing~~Wing of ~~an~~ aircraft as claimed in Claim 3, ~~wherein the~~characterized in that driving gear of each flap is equipped with ~~a~~pusher (11), connected on one end with ~~a~~main-flap ferrule (12), and on ~~the opposite end~~other one with ~~a~~trolley (13) sliding along ~~a~~guide (14) on screw (15) powered through Cardan joint (16), by hydraulic engine (17) with transmission gear (18).